DUAL DISIMILAR SENSING OBJECT DE-TECTION AND TARGETING SYSTEM

Abstract

A method of performing object detection within a collision warn-ing and countermeasure system (10) is provided. The method in-cludes generating an object detection signal and generating an image detection signal. Centers-of-reflection (56) and centers-of-intensity (59) are determined in response to the object detec-tion signal and the image detection signal. The centers-of-intensity (59) are associated with the center-of-reflection (56). Differences between the centers-of-reflection (56) and the cen-troids (62) are determined for a plurality of frames (65) and a sen-sor difference signal is generated. An object (36) is classified in response to the sensor difference signal.